

**ABSTRACT**

5           The invention is directed to methods for purifying Troponin I, particularly  
recombinant Troponin I produced in a bacterial expression system. Recombinant Troponin I can be  
advantageously purified after reversibly protecting the free sulfhydryl groups, *e.g.*, by forming  
sulfates. In a specific example, Troponin I reacted with sodium tetrafluoroborate yielded sulfitolyzed  
Troponin I, which was purified by chromatography on an anion exchanger, followed by  
10   hydrophobic interaction chromatography. Facile deprotection of the sulfhydryl groups yields a  
highly purified product ready for refolding.